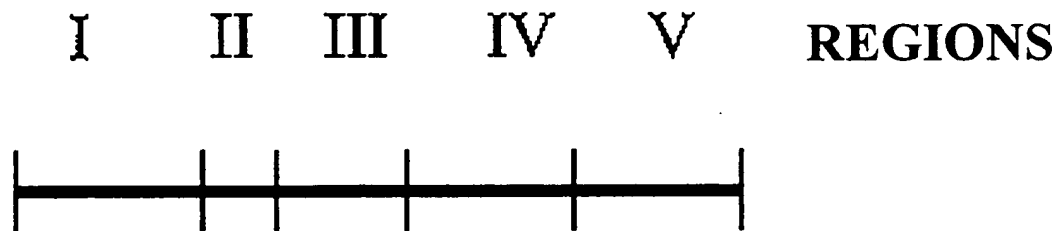


Figure 1

Inventor(s): Lee et al
Naval Medical Research Center

Patent Application
Atty Docket NC 78,560



FlaA Gene

I - 435 bp
II - 252 bp
III - 324 bp
IV - 408 bp
V - 300 bp

Figure 2

Patent Application
Atty Docket NC 78,560

VC167 T2	1	MGFRINTNVAALNAKANSDLNSRALDQSLSRSSGLRINSAADASGMIAIADSLRSQANTLGOAISNGNDALGIL	75
81-176	1	MGFRINTNVAALNAKANSDLNSRALDQSLSRSSGLRINSAADASGMIAIADSLRSQANTLGOAISNGNDALGIL	75
VC167 T2	76	QTADKAMDEQLKILDTIKTKATQAAQDGQSLKTRTMLQADINRLMEELDNIAINTTSFNGKQLLSGGFTNQEFQIG	150
81-176	76	QTADKAMDEQLKILDTIKTKATQAAQDGQSLKTRTMLQADINRLMEELDNIAINTTSFNGKQLLSGGFTNQEFQIG	150
VC167 T2	151	SSSNQTTIKASIGATQSSKIGVTRFETGSQSFSSGTVGLTIKNYNGIEDKFKQNVVISTSVGTGLGALAAEINRNA	225
81-176	151	SSSNQTTIKASIGATQSSKIGVTRFETGSQSFSSGTVGLTIKNYNGIEDKFKDSVVIISTSVGTGLGALAAEINRNA	225
VC167 T2	226	DKTGIRATFDVKS VGAYA I KAGNTSQDFAINGVVIGKVDYSDGDENGSLISAINAVKDTTGVQASKDENGKLVLT	300
81-176	226	DKTGIRATFDVKS VGAYA I KAGNTSQDFAINGVVIGQINYNDDNNGQLISAINAVKDTTGVQASKDENGKLVLT	300
VC167 T2	301	SADGRGIKITGSIGVGAGILHTENYGRLSLVKNDGRDINISGTGLSAIGMGATDMISQSSVSLRESKGOISAANA	375
81-176	301	SADGRGIKITGSIGVGAGILHTENYGRLSLVKNDGRDINISGTGLSAIGMGATDMISQSSVSLRESKGOISAANA	375
VC167 T2	376	DAMGFNAYNGGG-AKQII FASSIAGFMQSAGSGFSAGSGFSGVSGKNYSAILASIQIVSSARSISSTYVVSTGS	449
81-176	376	DAMGFNSYKGGKFVETQNVSSISAFMSAQGGSGFSRGSFGVSGKNLSVGLSQGIISSAASMSNTYVVVSAGS	450
VC167 T2	450	GFSAGSGNSQFAALRISTVSAHDETAGVTTLKGAMAVMDIAETAITNLDQIRADIGSVQNQITSTINNITVTQVN	524
81-176	451	GFSSGSGNSQFAALKTTAANTTDETAGVTTLKGAMAVMDIAETAITNLDQIRADIGSIQNQVSTINNITVTQVN	525
VC167 T2	525	VKSAESQIRDVDFASESANYSKANILAQSGSYAMAQANSSQQNVLRLLQ	573
81-176	526	VKAAESQIRDVDFASESANYSKANILAQSGSYAMAQANSSQQNVLRLLQ	574

41

12 November 1999

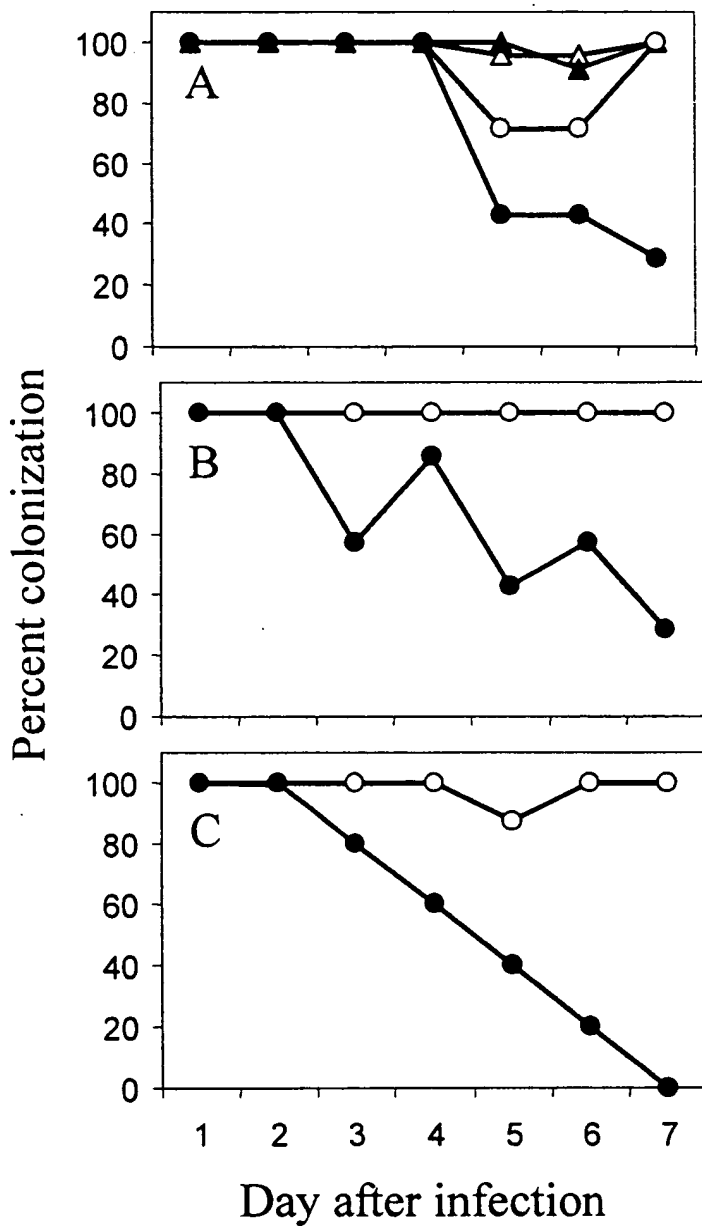


Figure 4